

DOUBLE G

Engineering

4589 School Drive

Allison Park, PA 15101



Design Brief:

Over the past several years we have been approached by various veterans' organizations about helping with disabled veterans. Last week, Operation Troop Appreciation came to us with an interesting task. They would like for us to simplify everyday tasks for disabled and handicapped veterans. Many of the tasks we spoke about are very simple and taken for granted everyday by fully capable people. They can range from brushing your teeth to making a simple sandwich.

Operation Troop Appreciation is holding a contest between several engineering firms. The firm that comes up with the best solution will be awarded a \$250,000 contract to complete the everyday living guide for disabled veterans. The contest consists of designing an apparatus that assists in the making a peanut butter and jelly sandwich. The winning solution will be chosen by the following criteria:

The COO of Operation Troop Appreciation will be available for a ten minute conversation to answer any of your questions.

The deadline for submission is Thurs Sep 8 at 0800 hrs. We will be working in small groups of 4-5 engineers. Each group will assign a lead engineer, two co-leaders and a presentation leader. All work will be submitted VIA Google classroom, under the PB&J assignment. Since we are utilizing Google Doc's, collaboration on the assignment is recommended over the weekend and during Mondays work hours

SEE BELOW FOR CRITERIA AND CONSTRAINTS

Criteria:

Must be made of plastic

Must assist veterans to make complete sandwich (cut in half)

Constraint:

Able to be stored in a drawer

Must be a primary color

Must have a name for device

Must be portable

